# COMPUTER (संगणक)

## SYLLABUS FOR JSSC-CGL

## **According to JSSC Notification:**



In this the question realated to the different divices of the computer, MS Windows operating system, MS Office and Internet Operation can be asked.

My point of view Students should read these topics :-

- 1) Introduction of computer (कम्पयूटर का परिचय)
- 2) Evolution and Development of Computer ( कम्पयुटर का उद्भव और विकास )
- 3) Principles of Computing (कम्पयूटर की कार्यपद्धति )
- 4) Main Components of Personal computer

( पर्सनल कम्पयूटर के मुख्य घटक )



- 5) Input and output devices ( इनपूट और आउटपूट डिवाइस )
- **6) Memory** ( मेमोरी )
- 7) Number system ( संख्या पद्धति )
- 8) Internet ( इंटरनेट )
- 9) Network and Data security ( नेटवर्क तथा डाटा सुरक्षा )
- 10) Microsoft Windows ( माइक्रोसॉफ्ट विण्डोज)
- 11) Microsoft Office ( माइक्रोसॉफ्ट ऑफिस )
- 12) Hardware and Software ( हार्डवेयर और साफ्टवेयर )
- 13) List Of Abbreviation ( संक्षिप्ताक्षर सूची )

## INTRODUCTION OF COMPUTER

What is computer?

Components of computer system.

Characteristics of computer.

Limitation of computer.

Application of computer.

Impact of computerization.



## **EVOLUTION AND DEVELOPMENT OF COMPUTER**

**Development of computer** 

**Generation of computer** 

**Classification of working technology** 

PRINCIPAL AND COMPUTING

Working principal of computer

Main components of computer hardware

Input device

Storage unit or memory

**BIOS- Basic input output system** 

#### MAIN COMPONENTS OF PERSONAL COMPUTER

Parts of personal computer



## INPUT AND OUTPUT DEVICE

**Keyboard** 

Mouse

Scanner

**BCR-Bar Code Reader** 

**MICR - Magnetic Ink Character Recognition** 

**Optical mark reader** 

**Web/Degital Camra** 

**Touch Screen** 

Mike

**OCR - Optical Character Recognition** 

**Electronic card reader** 

**Digital tablet** 



**VDU- Visual Display Unit** 

LCD - light crystal display

**LED Monitor** 

**Printer** 

**Plotter** 

**Speaker** 

Headphone

**Screen Projector** 

## **MEMORY**

**Primary or Main memory** 

**Secondary or Auxiliary memory** 

**Volatile or Non volatile memory** 

Random and sequential access memory

**Optical Disk** 

Pen Drive



## **NUMBER SYSTEM**

**Binary Number System** 

**Octal Number System** 

**Hexadecimal Number System** 

#### INTERNET

What is internet?

**Development of Internet** 

How internet works

Who owns internet

**Connecting to internet** 

**Protocols used on Internet** 



Language used on www

**IP Address** 

**Domain name system** 

**URL- Uniform Resource Locator** 

Web browser

**Search Engine** 

**Terms related to internet** 

Internet in India

use of Internet e-mail use net **Thread Chatting Telnet Instant messaging** Video conference R FOUNDATION **Internet Telephony IPT- Internet Protocol Television** e-commerce e-publishing **Blog Facebook Twitter** You Tube

## **MICROSOFT WINDOWS**

**Introduction and Development** 

Parts of windows

Start menu

**Title Bar** 

Scroll bar

**Tool bar** 



**Status bar** 

Help in window

Window task manager

**Hybernet** 

Window media player

**Window Explorer** 

**Root Directory** 

Using keyboard as mouse

Using mouse as keyboard

mouse setting

**Changing the Task Bar** 

**Work in Windows program** 

## **MICROSOFT OFFICE**

Word



**Powerpoint** 

**WINDOW KEYBOARD SHORTCUTS**